Both of my parents went to and received their degrees from graduate schools. This helped them get hired with well-paying jobs straight out of college. My brother, my sister, and I grew up learning from their example of how to be successful in life. When I entered high school I knew that I wanted to graduate and pursue a degree in science or math at a highly ranked college just like my parents did. I applied and got accepted to Purdue University where I am currently on track to receiving my Bachelors of Science in Physics

I want to use my background and knowledge to make a difference in the society and world that I live in today. I want to leave a legacy that will live on long after I’m gone. I want to impact the field of physical sciences and better the technology and way of living of my current generation. One of the most important topics of research in science today is new and better forms of energy. I am particularly interested in nuclear fusion as a possible future energy source.

I was first intrigued by the topic of nuclear fusion when I was taking a particle physics class in high school. Fusion is in many respects the perfect energy source. Sea water provides millions of years of fusion fuel. Fusion reactions are safe, they emit neither radioactive waste nor greenhouse gasses and fusion reactors would take up relatively little space. I want to be a part of the effort to harness this great energy source.

To achieve my goal I ask for the opportunity to attend your graduate school. I would continue to pursue a higher degree in physics with a concentration in nuclear physics. I would use my degree and knowledge from you r university to accomplish my dream of attaining nuclear fusion and make it a possible option as an energy source in the near future. Thank you for your consideration.